



*Asst. Recd*  
2.

Sample Inputs and Costs for Producing Bartlett Pears in Lake County  
With a Yield of 12 Tons per Acre

	Hours per acre			Cost per acre	Cost per ton	
	Man labor	20 h.p. tractor	1½ ton truck			
Pruning 75 trees per acre @ 75¢	50			\$56.25		
Brush disposal, large limbs only	2		1	4.30		
Blight inspection & cutting, av.	20			20.00		
Dusting for blight, 6 @ \$1.50		(contract)		9.00		
Spraying 6 times @ \$4.00		(contract)		24.00		
Cultiv. & ridging for irrig. (panels)	6	6		18.00		
Irrigation, 4 times	10			10.00		
Miscel. other cultural labor	6	1	1	10.30		
Total cultural labor	94			\$151.85	\$12.65	
Picking including supervision @ 528 boxes @ 20¢ .....	105			105.60	8.80	
Hauling boxes and fruit	13		9	33.70	2.81	
Total labor cost	212	7	11	\$291.15	\$24.26	
Irrigation water - power for pumping 20 acre inches				6.00		
Spray materials and dust				42.85		
Misc., fertilizer, replants, etc.				10.00		
Total material cost				\$58.85	\$4.90	
General expense, 5% of above				17.50		
County taxes				24.00		
Repairs to equipment				4.00		
Comp. & Soc. Sec. Ins. on hired labor, 140 hours				5.00		
Total cash overhead costs				\$50.50	\$4.21	
Total cash costs				\$400.50	\$33.37	
Investment overhead based on 20-acre orchard	20 acre unit	Orig. cost	Av. value	5% Int.	Depreciation	
		Dollars per acre				
Trees, cost to bearing	\$12,000	\$600	\$300	\$15.00	\$15.00	
Building for equipment	1,600	80	40	2.00	2.00	
Labor camp facilities	800	40	20	1.00	3.00	
Irrigation pump & pipe	3,200	160	80	4.00	8.00	
Tillage equipment	600	30	15	.75	2.00	
Misc. ladders, bags, etc.	1,000	50	25	1.25	10.00	
Land	8,000	400	400	20.00		
Total investment	\$27,200	\$1360	\$880			
Total depreciation					\$40.00	\$40.00
Total interest on investment				\$44.00		\$44.00
Total all costs					\$484.50	\$40.37

Labor costs above are figured at the piece or contract rates shown or at \$1.00 per hour for man labor, \$2.00 per hour for 20 h.p. tractor, and \$2.30 per hour for 1½ ton truck. A working operator on 20 acres would do about 72 hours of the labor shown and would hire the other 140 hours. An owned tractor and truck are assumed, and the above rates include overhead as well as direct operating costs. Spraying and dusting are assumed to be hired on a contract basis.

The above costs are a sample only and should be used mainly as a guide in figuring and comparing your own costs with operations and materials needed in your orchards and with actual yields.

UC COOPERATIVE EXTENSION